



SPYWOLF

Security Audit Report



Completed on
June 20, 2023



OVERVIEW

This audit has been prepared for **ANGRY BIRDS TOKEN** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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ANGRY BIRDS TOKEN



PROJECT DESCRIPTION

According to their website:

Angrybirds Toons's 10th anniversary token, \$AGBIRD is the originator of the most controversial game Is making a comeback with crypto utilities. Original meme with original marketing. It focuses on the story of a group of birds whose eggs are stolen by pigs. They pursue the pigs using their unique powers and destroy their defense structures.

Release Date: Presale starts in June, 2023

Category: Meme token



CONTRACT INFO

Token Name
AngryBirds

Symbol
AGBIRD

Contract Address
0x96867C65751e1EDc99b3Fc8b2264F78083a76E19

Network
Ethereum

Language
Solidity

Deployment Date
Jun 19, 2023

Verified?
Yes

Total Supply
1,000,000,000,000,000

Status
Not launched

TAXES

Buy Tax
none

Sell Tax
none



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	2
Uniq Senders	2
Uniq Receivers	2
Total Amount	18814840000000000 AGBIRD
Median Transfer Amount	10000000000000000 AGBIRD
Average Transfer Amount	9407420000000000 AGBIRD
First transfer date	2023-06-19
Last transfer date	2023-06-19
Days token transferred	1

SMART CONTRACT STATS

Calls Count	8
External calls	3
Internal calls	3
Transactions count	4
Uniq Callers	8
Days contract called	1
Last transaction time	Jun-19-2023 02:31:23 PM +UTC
Created	Jun-19-2023 06:04:35 AM +UTC
Create TX	0x7b8e73697005b9a12b364fbd1e7f2385347e395e2d5eefa75a8832d8ea9c9e00
Creator	0x3b2B7d6F72D500CaE4297c2a011305a745c29b6f



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

Owner can exclude address from trading limitations before launch.

```
function multiSetExclude(address[] calldata users, bool _isExclude) external onlyOwner {
    for (uint i = 0; i < users.length; i++) {
        isExcluded[users[i]] = _isExclude;
    }
}

bool openTransaction;

function _transfer(
    address from,
    address to,
    uint256 amount
) private {
    require(from != address(0), "AngryBirds: transfer from the zero address");
    require(amount > 0, "AngryBirds: transfer amount must be greater than zero");

    uint256 fee;

    if(isExcluded[from] || isExcluded[to]){
        return _tokenTransfer(from,to,amount,fee);
    }
    require(openTransaction,"AngryBirds: Not open");
    .....
}
```



Informational

Owner can initiate token launch once.

There is 95% tax on buys for the first 8 blocks after launch is initiated.

```
function setOpenTransaction() external onlyOwner {
    require(openTransaction == false, "AngryBirds: Already opened");
    openTransaction = true;
    launchedBlock = block.number;
}

uint256 private firstBlock = 1;
uint256 private secondBlock = 4;
uint256 tradingCountLimit = 7;

function _transfer(
    address from,
    address to,
    uint256 amount
) private {
    .....
    if (ammPairs[from]) {
        if (currentBlock - launchedBlock < firstBlock + 1) {
            fee = amount.mul(95).div(100);
        } else if (currentBlock - launchedBlock < secondBlock + 1) {
            tradingCount[currentBlock] = tradingCount[currentBlock] + 1;
            if (tradingCount[currentBlock] > tradingCountLimit) {
                fee = amount.mul(95).div(100);
            }
        }
    }
}

_tokenTransfer(from,to,amount,fee);
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

ANGRY BIRDS TOKEN

GOOD PRACTICES FOUND

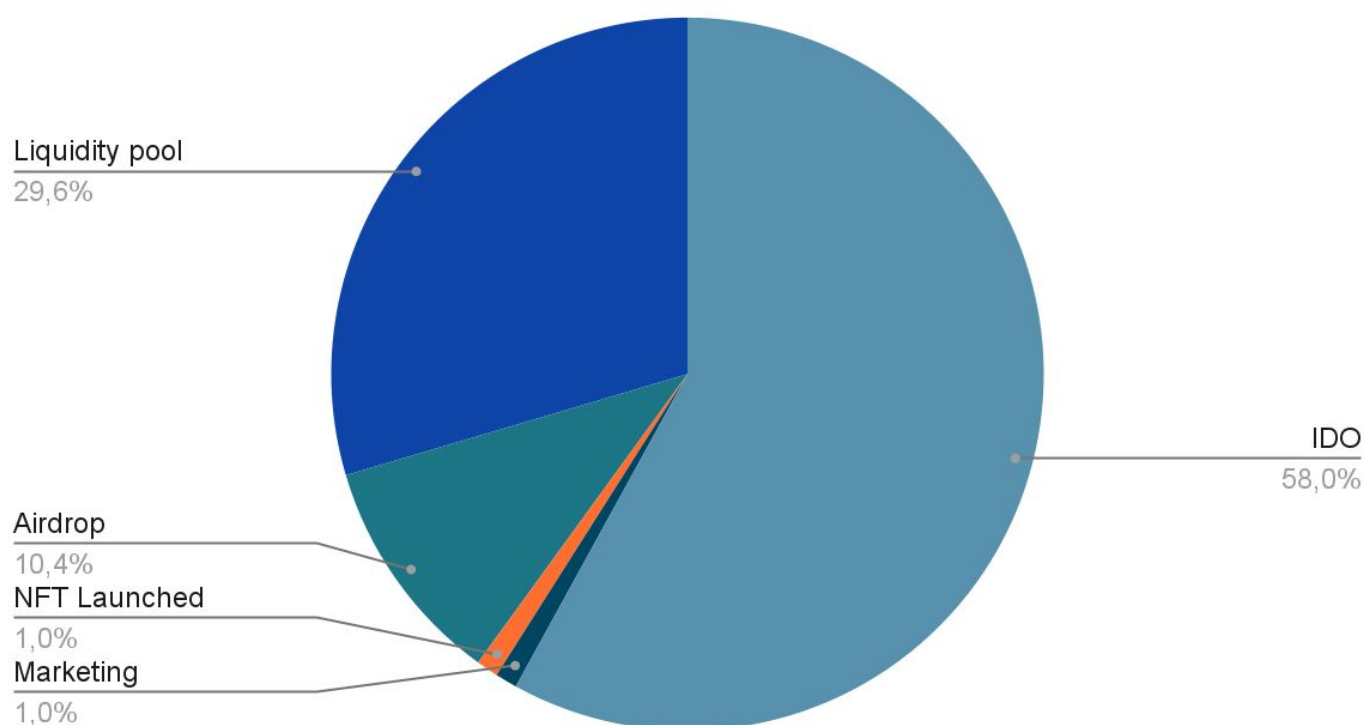
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



The following tokenomics are based on the project's whitepaper and/or website:

- 58% - IDO
- 29.58% - Liquidity pool
- 10.42% - Airdrop
- 1% - Marketing
- 1% - NFT Launched

Tokens distribution



TOKENOMICS



THE TEAM

! The team is anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://www.angrybird.pro>

Domain Registry

<https://porkbun.com>

Domain Expiration

2024-06-17

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design with appropriate color scheme and graphics.

Content

The information helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper

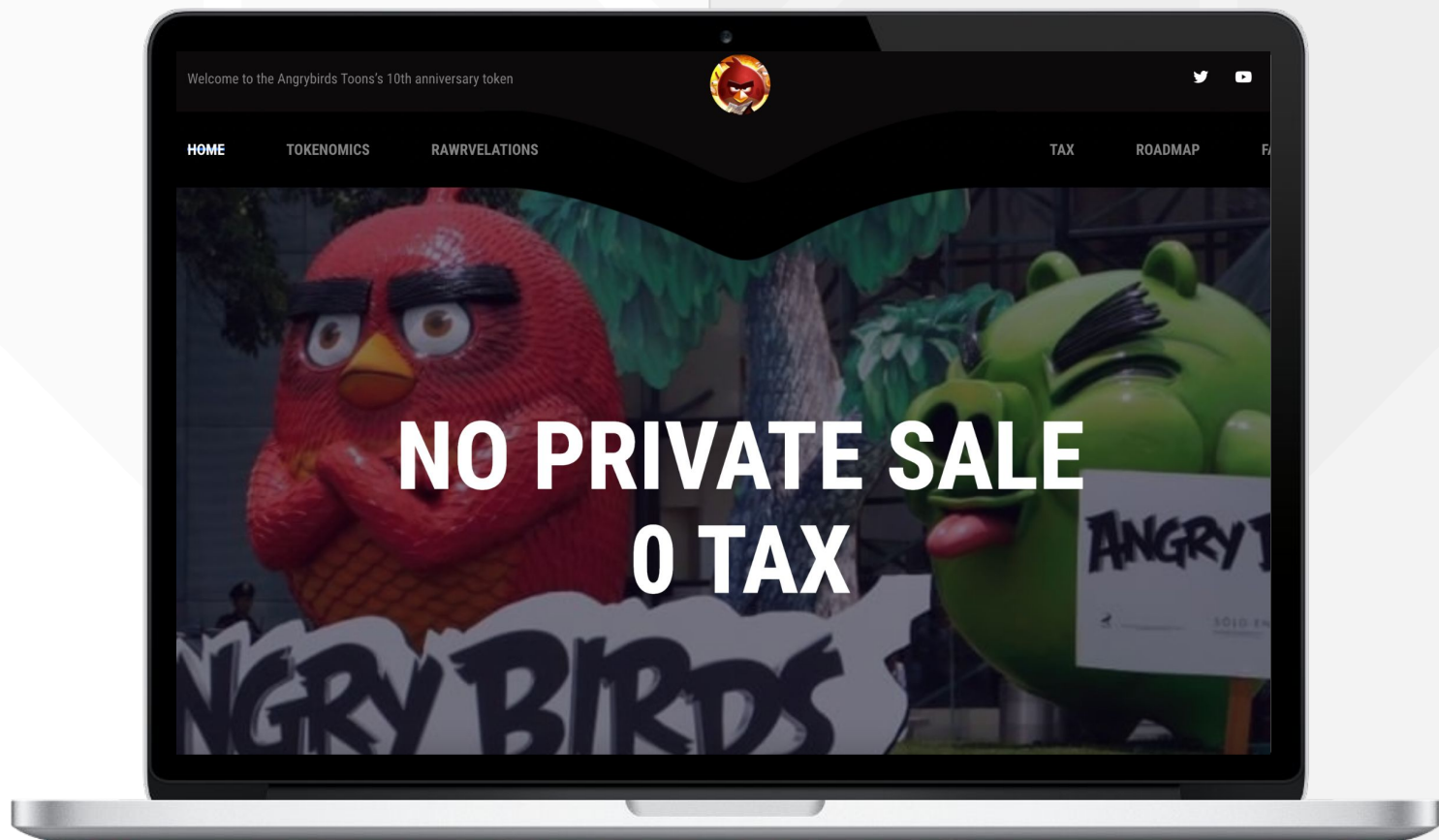
No

Roadmap

Yes, goals set without time frames.

Mobile-friendly?

Yes



angrybird.pro

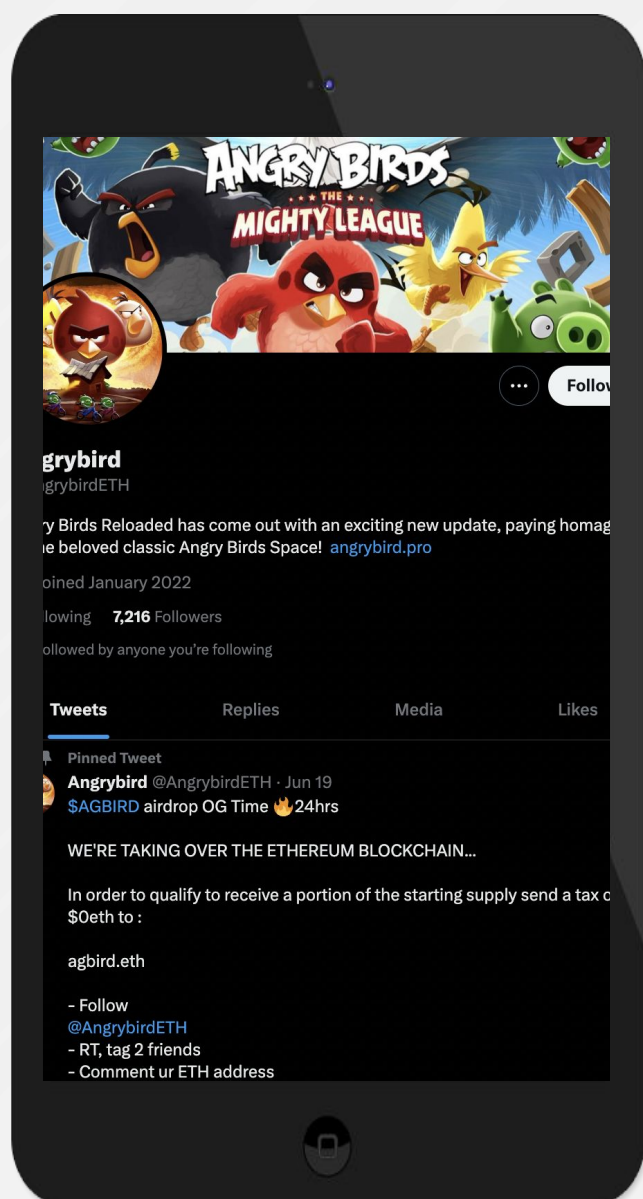


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media pages are active



Twitter

@AngrybirdETH

- 7 128 followers
- Active
- Posts frequently



Discord

- Not available



Telegram

@Angrybird_ETH

- 9 358 members
- Active members
- Active mods



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.